Claims

1. A method for treating a disease, other than diseases of the connective tissue, bone, or cartilage, in a human patient, said method comprising administering to said patient unrestricted somatic stem cells (USSCs).

2. The method of claim 1, wherein said USSCs are isolated from umbilical cord blood or are derived from USSCs isolated from umbilical cord blood.

3. The method of claim 1, wherein said disease is a vascular disease.

4. The method of claim 1, wherein said disease is a disease of the cardiac muscle or smooth muscle.

5. The method of claim 1, wherein said disease is a hepatic disease.

6. The method of claim 1, wherein said disease is type 1 diabetes.

7. The method of claim 1, wherein said disease is a neural disease.

8. The method of claim 7, wherein said neural disease is Parkinson's disease.

9. The method of claim 1, wherein said disease is a hematological disease.

10. A method for treating a disease in a human patient, other than diseases of the connective tissue, bone, or cartilage, said method comprising administering to said patient unrestricted somatic stem cells (USSCs) or differentiated progeny thereof.

11. The method of claim 10, wherein said USSCs are isolated from umbilical cord blood or are derived from USSCs isolated from umbilical cord blood.

12. The method of claim 10, wherein said differentiated progeny are differentiated *in vitro*.

13. The method of claim 10, wherein said differentiated progeny are mesenchymal stem cells.

14. The method of claim 10, wherein said disease is a vascular disease.

15. The method of claim 14, wherein said method further comprises the in vitro growth of blood vessels prior to said administering.

16. The method of claim 10, wherein said disease is a disease of the cardiac muscle or smooth muscle.

17. The method of claim 10, wherein said disease is a hepatic disease.

18. The method of claim 10, wherein said disease is type 1 diabetes.

19. The method of claim 10, wherein said disease is a neural disease.

20. The method of claim 19, wherein said neural disease is Parkinson's disease.

21. The method of claim 10, wherein said disease is a hematological disease.